

National Functional Guidelines Report # 4

1:53 Fri, Oct 31, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4FW1 Case 37947 Contract EPW05030 Region 9 DDTID 65572 SOW
SOM01.2

Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FW1 TMP-27R-25 Field Sample Soil/Low 1 18 ug/Kg	Y4FW1MS Matrix_Spike Soil/Low 1 18 ug/Kg	Y4FW1MSD Matrix_Spike_Duplicate Soil/Low 1 18 ug/Kg	Y4FW2 TMP-27R-30 Field Sample Soil/Low 1 15 ug/Kg				
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Dichlorodifluoromethane	6.4	U	6.0	U	6.5	U	5.1	U
Chloromethane	6.4	U	6.0	U	6.5	U	5.1	U
Vinyl chloride	6.4	U	6.0	U	6.5	U	5.1	U
Bromomethane	6.4	U	6.0	U	6.5	U	5.1	U
Chloroethane	6.4	U	6.0	U	6.5	U	5.1	U
Trichlorofluoromethane	6.4	U	6.0	U	6.5	U	5.1	U
1,1-Dichloroethene	6.4	U	56		69		5.1	U
1,1,2-Trichloro-1,2,2-trifluoroethane	6.4	U	6.0	U	6.5	U	5.1	U
Acetone	28		25		42		24	
Carbon disulfide	6.4	U	6.0	U	6.5	U	2.2	J
Methyl acetate	6.4	U	6.0	U	6.5	U	5.1	U
Methylene chloride	6.4	U	6.0	U	6.5	U	5.1	U
trans-1,2-Dichloroethene	6.4	U	6.0	U	6.5	U	5.1	U
Methyl tert-butyl ether	6.4	U	6.0	U	6.5	U	5.1	U
1,1-Dichloroethane	6.4	U	6.0	U	6.5	U	5.1	U
cis-1,2-Dichloroethene	6.4	U	6.0	U	6.5	U	5.1	U
2-Butanone	13	U	12	U	13	U	10	U
Bromochloromethane	6.4	U	6.0	U	6.5	U	5.1	U
Chloroform	6.4	U	6.0	U	6.5	U	5.1	U
1,1,1-Trichloroethane	6.4	U	6.0	U	6.5	U	5.1	U
Cyclohexane	6.4	U	6.0	U	6.5	U	5.1	U
Carbon tetrachloride	6.4	U	6.0	U	6.5	U	5.1	U
Benzene	3.0	J	75		85		5.1	U
1,2-Dichloroethane	6.4	U	6.0	U	6.5	U	5.1	U
1,4-Dioxane	130	R	120	R	130	R	100	R

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Final Flag Results

VOA Low Med 1B

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FW1 TMP-27R-25 Field_Sample Soil/Low 1 18 ug/Kg	Y4FW1MS Matrix_Spike Soil/Low 1 18 ug/Kg	Y4FW1MSD Matrix_Spike_Duplicate Soil/Low 1 18 ug/Kg	Y4FW2 TMP-27R-30 Field_Sample Soil/Low 1 15 ug/Kg				
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Trichloroethene	6.4	U	73		85		5.1	U
Methylcyclohexane	6.4	U	6.0	U	6.5	U	5.1	U
1,2-Dichloropropane	6.4	U	6.0	U	6.5	U	5.1	U
Bromodichloromethane	6.4	U	6.0	U	6.5	U	5.1	U
cis-1,3-Dichloropropene	6.4	U	6.0	U	6.5	U	5.1	U
4-Methyl-2-pentanone	13	U	12	U	13	U	10	U
Toluene	6.4	U	73		84		5.1	U
trans-1,3-Dichloropropene	6.4	U	6.0	U	6.5	U	5.1	U
1,1,2-Trichloroethane	6.4	U	6.0	U	6.5	U	5.1	U
Tetrachloroethene	6.4	U	6.0	U	6.5	U	5.1	U
2-Hexanone	13	U	12	U	13	U	10	U
Dibromochloromethane	6.4	U	6.0	U	6.5	U	5.1	U
1,2-Dibromoethane	6.4	U	6.0	U	6.5	U	5.1	U
Chlorobenzene	6.4	U	70		76		5.1	U
Ethylbenzene	6.4	U	6.0	U	6.5	U	5.1	U
o-Xylene	6.4	U	6.0	U	6.5	U	5.1	U
m,p-Xylene	6.4	U	6.0	U	6.5	U	5.1	U
Styrene	6.4	U	6.0	U	6.5	U	5.1	U
Bromoform	6.4	R	6.0	R	6.5	R	5.1	U
Isopropylbenzene	6.4	U	6.0	U	6.5	U	5.1	U
1,1,2,2-Tetrachloroethane	6.4	U	6.0	U	6.5	U	5.1	U
1,3-Dichlorobenzene	6.4	R	6.0	R	6.5	R	5.1	U
1,4-Dichlorobenzene	6.4	R	6.0	R	6.5	R	5.1	U
1,2-Dichlorobenzene	6.4	R	6.0	R	6.5	R	5.1	U
1,2-Dibromo-3-chloropropane	6.4	R	6.0	R	6.5	R	5.1	U
1,2,4-Trichlorobenzene	6.4	R	6.0	R	6.5	R	5.1	U
1,2,3-Trichlorobenzene	6.4	R	6.0	R	6.5	R	5.1	U

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SOM01.2

Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FW1 TMP-27R-25 Field_Sample Soil/Low 1 18 ug/Kg	Y4FW1MS Soil/Low 1 18 ug/Kg	Y4FW1MSD Matrix_Spike_Duplicate Soil/Low 1 18 ug/Kg	Y4FW2 TMP-27R-30 Field_Sample Soil/Low 1 15 ug/Kg				
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Hexane	0.64	U	0.60	U	0.65	U	0.51	U
Isopropanol	32	R	30	R	32	R	25	R

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Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level	Y4FW3 TMP-27R-35 Field Sample Soil/Low		Y4FW4 TMP-27-35X Field Sample Soil/Low		Y4FW5 TMP-27R-40 Field Sample Soil/Low		Y4FW6 TMP-27R-45 Field Sample Soil/Low		Y4FW7 TMP-27R-50 Field Sample Soil/Low	
Dilution Factor % Moisture Units	1	15 ug/Kg	1	15 ug/Kg	1	14 ug/Kg	1	8 ug/Kg	1	24 ug/Kg
Compound	NFG Result	NFG Flag								
Dichlorodifluoromethane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Chloromethane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Vinyl chloride	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Bromomethane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Chloroethane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Trichlorofluoromethane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
1,1-Dichloroethene	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Acetone	19		17		15		9.9	U	11	U
Carbon disulfide	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Methyl acetate	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Methylene chloride	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
trans-1,2-Dichloroethene	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Methyl tert-butyl ether	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
1,1-Dichloroethane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
cis-1,2-Dichloroethene	5.9	U	15		5.8	U	4.9	U	5.9	
2-Butanone	12	U	12	U	12	U	9.9	U	11	U
Bromochloromethane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Chloroform	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
1,1,1-Trichloroethane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Cyclohexane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Carbon tetrachloride	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Benzene	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
1,2-Dichloroethane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
1,4-Dioxane	120	R	120	R	120	R	99	R	110	R

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SOM01.2

Final Flag Results

VOA Low Med 1B

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FW3 TMP-27R-35 Field Sample Soil/Low 1 15 ug/Kg		Y4FW4 TMP-27-35X Field Sample Soil/Low 1 15 ug/Kg		Y4FW5 TMP-27R-40 Field Sample Soil/Low 1 14 ug/Kg		Y4FW6 TMP-27R-45 Field Sample Soil/Low 1 8 ug/Kg		Y4FW7 TMP-27R-50 Field Sample Soil/Low 1 24 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Trichloroethene	5.9	U	22		5.8	U	4.9	U	8.9	
Methylcyclohexane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
1,2-Dichloropropane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Bromodichloromethane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
cis-1,3-Dichloropropene	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
4-Methyl-2-pentanone	12	U	12	U	12	U	9.9	U	11	U
Toluene	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
trans-1,3-Dichloropropene	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
1,1,2-Trichloroethane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Tetrachloroethene	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
2-Hexanone	12	U	12	U	12	U	9.9	U	11	U
Dibromochloromethane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
1,2-Dibromoethane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Chlorobenzene	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Ethylbenzene	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
o-Xylene	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
m,p-Xylene	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Styrene	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Bromoform	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
Isopropylbenzene	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
1,1,2,2-Tetrachloroethane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
1,3-Dichlorobenzene	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
1,4-Dichlorobenzene	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
1,2-Dichlorobenzene	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
1,2-Dibromo-3-chloropropane	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
1,2,4-Trichlorobenzene	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U
1,2,3-Trichlorobenzene	5.9	U	5.8	U	5.8	U	4.9	U	5.3	U

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SOM01.2

Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level	Y4FW3 TMP-27R-35 Field Sample Soil/Low 1 15 ug/Kg	Y4FW4 TMP-27-35X Field Sample Soil/Low 1 15 ug/Kg	Y4FW5 TMP-27R-40 Field Sample Soil/Low 1 14 ug/Kg	Y4FW6 TMP-27R-45 Field Sample Soil/Low 1 8 ug/Kg	Y4FW7 TMP-27R-50 Field Sample Soil/Low 1 24 ug/Kg					
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Hexane	0.59	U	0.58	U	0.58	U	0.49	U	0.53	U
Isopropanol	29	R	29	R	29	R	25	R	27	R

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Lab MITKEM (Mitkem Corporation) SDG Y4FW1 Case 37947 Contract EPW05030 Region 9 DDTID 65572 SOW
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Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level	Y4FW8 TMP-27R-55 Field Sample Soil/Low		Y4FW9 TMP-27R-60 Field Sample Soil/Low		Y4FX0 TMP-27R-65 Field Sample Soil/Low		Y4FX1 TMP-27R-70 Field Sample Soil/Low		Y4FX2 TMP-27R-75 Field Sample Soil/Low	
Dilution Factor % Moisture Units	1 18 ug/Kg	1 16 ug/Kg	1 16 ug/Kg	1 22 ug/Kg	1 16 ug/Kg	1 16 ug/Kg	1 16 ug/Kg	1 20 ug/Kg	1 20 ug/Kg	1 20 ug/Kg
Compound	NFG Result	NFG Flag								
Dichlorodifluoromethane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Chloromethane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Vinyl chloride	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Bromomethane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Chloroethane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Trichlorofluoromethane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
1,1-Dichloroethene	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Acetone	12	U	28		25		22		43	
Carbon disulfide	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Methyl acetate	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Methylene chloride	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
trans-1,2-Dichloroethene	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Methyl tert-butyl ether	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
1,1-Dichloroethane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
cis-1,2-Dichloroethene	5.8	U	6.2	U	6.3	U	5.8	U	3.0	J
2-Butanone	12	U	12	U	13	U	12	U	12	U
Bromochloromethane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Chloroform	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
1,1,1-Trichloroethane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Cyclohexane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Carbon tetrachloride	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Benzene	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
1,2-Dichloroethane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
1,4-Dioxane	120	R	120	R	130	R	120	R	120	R

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SOM01.2

Final Flag Results

VOA Low Med 1B

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FW8 TMP-27R-55 Field Sample Soil/Low 1 18 ug/Kg		Y4FW9 TMP-27R-60 Field Sample Soil/Low 1 16 ug/Kg		Y4FX0 TMP-27R-65 Field Sample Soil/Low 1 22 ug/Kg		Y4FX1 TMP-27R-70 Field Sample Soil/Low 1 16 ug/Kg		Y4FX2 TMP-27R-75 Field Sample Soil/Low 1 20 ug/Kg	
Compound	NFG Result	NFG Flag								
Trichloroethene	5.8	U	6.2	U	6.3	U	5.8	U	18	
Methylcyclohexane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
1,2-Dichloropropane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Bromodichloromethane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
cis-1,3-Dichloropropene	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
4-Methyl-2-pentanone	12	U	12	U	13	U	12	U	12	U
Toluene	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
trans-1,3-Dichloropropene	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
1,1,2-Trichloroethane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Tetrachloroethylene	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
2-Hexanone	12	U	12	U	13	U	12	U	12	U
Dibromochloromethane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
1,2-Dibromoethane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Chlorobenzene	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Ethylbenzene	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
o-Xylene	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
m,p-Xylene	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Styrene	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Bromoform	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
Isopropylbenzene	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
1,1,2,2-Tetrachloroethane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
1,3-Dichlorobenzene	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
1,4-Dichlorobenzene	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
1,2-Dichlorobenzene	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
1,2-Dibromo-3-chloropropane	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
1,2,4-Trichlorobenzene	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U
1,2,3-Trichlorobenzene	5.8	U	6.2	U	6.3	U	5.8	U	5.9	U

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SOM01.2

Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level	Y4FW8 TMP-27R-55 Field Sample Soil/Low 1 18 ug/Kg	Y4FW9 TMP-27R-60 Field Sample Soil/Low 1 16 ug/Kg	Y4FX0 TMP-27R-65 Field Sample Soil/Low 1 22 ug/Kg	Y4FX1 TMP-27R-70 Field Sample Soil/Low 1 16 ug/Kg	Y4FX2 TMP-27R-75 Field Sample Soil/Low 1 20 ug/Kg					
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Hexane	0.58	U	0.62	U	0.63	U	0.58	U	0.59	U
Isopropanol	29	R	31	R	31	R	29	R	29	R

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Sample Location Type Matrix/Level	Y4FX3 TMP-27R-80 Field Sample Soil/Low		Y4FX4 TMP-27R-85 Field Sample Soil/Low		Y4FX5 TMP-27R-90 Field Sample Soil/Low		Y4FX6 TMP-27R-95 Field Sample Soil/Low		Y4FX8 TMP-17R-25 Field Sample Soil/Low	
Dilution Factor % Moisture Units	1 20 ug/Kg		1 24 ug/Kg		1 18 ug/Kg		1 24 ug/Kg		1 19 ug/Kg	
Compound	NFG Result	NFG Flag								
Dichlorodifluoromethane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Chloromethane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Vinyl chloride	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Bromomethane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Chloroethane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Trichlorofluoromethane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
1,1-Dichloroethene	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Acetone	17		28		110		11	U	48	
Carbon disulfide	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Methyl acetate	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Methylene chloride	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
trans-1,2-Dichloroethene	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Methyl tert-butyl ether	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
1,1-Dichloroethane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
cis-1,2-Dichloroethene	5.7	U	4.4	J	5.5	J	2.7	J	5.7	U
2-Butanone	11	U	12	U	12	U	11	U	11	U
Bromochloromethane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Chloroform	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
1,1,1-Trichloroethane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Cyclohexane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Carbon tetrachloride	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Benzene	5.7	U	5.8	U	6.2	U	5.3	U	2.6	J
1,2-Dichloroethane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
1,4-Dioxane	110	R	120	R	120	R	110	R	110	R

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Final Flag Results

VOA Low Med 1B

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FX3 TMP-27R-80 Field Sample Soil/Low 1 20 ug/Kg		Y4FX4 TMP-27R-85 Field Sample Soil/Low 1 24 ug/Kg		Y4FX5 TMP-27R-90 Field Sample Soil/Low 1 18 ug/Kg		Y4FX6 TMP-27R-95 Field Sample Soil/Low 1 24 ug/Kg		Y4FX8 TMP-17R-25 Field Sample Soil/Low 1 19 ug/Kg	
Compound	NFG Result	NFG Flag								
Trichloroethene	16		72		45		5.1	J	5.7	U
Methylcyclohexane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
1,2-Dichloropropane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Bromodichloromethane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
cis-1,3-Dichloropropene	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
4-Methyl-2-pentanone	11	U	12	U	12	U	11	U	11	U
Toluene	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
trans-1,3-Dichloropropene	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
1,1,2-Trichloroethane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Tetrachloroethylene	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
2-Hexanone	11	U	12	U	12	U	11	U	11	U
Dibromochloromethane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
1,2-Dibromoethane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Chlorobenzene	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Ethylbenzene	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
o-Xylene	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
m,p-Xylene	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Styrene	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
Bromoform	5.7	U	5.8	U	6.2	U	5.3	U	5.7	R
Isopropylbenzene	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
1,1,2,2-Tetrachloroethane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	U
1,3-Dichlorobenzene	5.7	U	5.8	U	6.2	U	5.3	U	5.7	R
1,4-Dichlorobenzene	5.7	U	5.8	U	6.2	U	5.3	U	5.7	R
1,2-Dichlorobenzene	5.7	U	5.8	U	6.2	U	5.3	U	5.7	R
1,2-Dibromo-3-chloropropane	5.7	U	5.8	U	6.2	U	5.3	U	5.7	R
1,2,4-Trichlorobenzene	5.7	U	5.8	U	6.2	U	5.3	U	5.7	R
1,2,3-Trichlorobenzene	5.7	U	5.8	U	6.2	U	5.3	U	5.7	R

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Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level	Y4FX3 TMP-27R-80 Field Sample Soil/Low 1 20 ug/Kg	Y4FX4 TMP-27R-85 Field Sample Soil/Low 1 24 ug/Kg	Y4FX5 TMP-27R-90 Field Sample Soil/Low 1 18 ug/Kg	Y4FX6 TMP-27R-95 Field Sample Soil/Low 1 24 ug/Kg	Y4FX8 TMP-17R-25 Field Sample Soil/Low 1 19 ug/Kg					
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Hexane	0.57	U	0.58	U	0.62	U	0.53	U	0.57	U
Isopropanol	28	R	29	R	31	R	27	R	29	R

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VOA Low Med 1A

Sample Location Type Matrix/Level	Y4FX8RE		Y4FX9 TMP-17R-30		Y4FY0 TMP-17R-35		Y4FY1 TMP-17R-40		VBLK5V	
Dilution Factor % Moisture Units	Field Sample Soil/Low	1 19 ug/Kg	Field Sample Soil/Low	1 14 ug/Kg	Field Sample Soil/Low	1 19 ug/Kg	Field Sample Soil/Low	1 3 ug/Kg	Method Blank Soil/Low	1 0 ug/Kg
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Dichlorodifluoromethane	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Chloromethane	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Vinyl chloride	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Bromomethane	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Chloroethane	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Trichlorofluoromethane	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
1,1-Dichloroethene	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Acetone	47		460		33		11	U	10	U
Carbon disulfide	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Methyl acetate	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Methylene chloride	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
trans-1,2-Dichloroethene	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Methyl tert-butyl ether	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
1,1-Dichloroethane	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
cis-1,2-Dichloroethene	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
2-Butanone	12	U	48		12	U	11	U	10	U
Bromochloromethane	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Chloroform	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
1,1,1-Trichloroethane	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Cyclohexane	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Carbon tetrachloride	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Benzene	3.0	J	5.9	U	6.1	U	5.3	U	5.0	U
1,2-Dichloroethane	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
1,4-Dioxane	120	R	120	R	120	R	110	R	100	R

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VOA Low Med 1B

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4FX8RE Field Sample Soil/Low 1 19 ug/Kg		Y4FX9 TMP-17R-30 Field Sample Soil/Low 1 14 ug/Kg		Y4FY0 TMP-17R-35 Field Sample Soil/Low 1 19 ug/Kg		Y4FY1 TMP-17R-40 Field Sample Soil/Low 1 3 ug/Kg		VBLK5V Method Blank Soil/Low 1 0 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Trichloroethene	6.2	U	5.7	J	6.1	U	5.3	U	5.0	U
Methylcyclohexane	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
1,2-Dichloropropane	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Bromodichloromethane	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
cis-1,3-Dichloropropene	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
4-Methyl-2-pentanone	12	U	12	U	12	U	11	U	10	U
Toluene	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
trans-1,3-Dichloropropene	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
1,1,2-Trichloroethane	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Tetrachloroethylene	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
2-Hexanone	12	U	12	U	12	U	11	U	10	U
Dibromochloromethane	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
1,2-Dibromoethane	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Chlorobenzene	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Ethylbenzene	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
o-Xylene	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
m,p-Xylene	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Styrene	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
Bromoform	6.2	R	5.9	U	6.1	U	5.3	U	5.0	U
Isopropylbenzene	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
1,1,2,2-Tetrachloroethane	6.2	U	5.9	U	6.1	U	5.3	U	5.0	U
1,3-Dichlorobenzene	6.2	R	5.9	U	6.1	U	5.3	U	5.0	U
1,4-Dichlorobenzene	6.2	R	5.9	U	6.1	U	5.3	U	5.0	U
1,2-Dichlorobenzene	6.2	R	5.9	U	6.1	U	5.3	U	5.0	U
1,2-Dibromo-3-chloropropane	6.2	R	5.9	U	6.1	U	5.3	U	5.0	U
1,2,4-Trichlorobenzene	6.2	R	5.9	U	6.1	U	5.3	U	5.0	U
1,2,3-Trichlorobenzene	6.2	R	5.9	U	6.1	U	5.3	U	5.0	U

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Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level	Y4FX8RE		Y4FX9 TMP-17R-30		Y4FY0 TMP-17R-35		Y4FY1 TMP-17R-40		VBLK5V Method_Blank	
Dilution Factor % Moisture Units	Field_Sample Soil/Low	ug/Kg	Field_Sample Soil/Low	ug/Kg	Field_Sample Soil/Low	ug/Kg	Field_Sample Soil/Low	ug/Kg	Method_Blank Soil/Low	ug/Kg
Compound	NFG Result	NFG Flag								
Hexane	0.62	U	0.59	U	0.61	U	0.53	U	0.50	U
Isopropanol	31	R	30	R	30	R	26	R	25	R

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SDG Y4FW1

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VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	VBLK5W		VHBLK5W	
	Method Blank Soil/Low	ug/Kg	Storage Blank Soil/Low	ug/Kg
			1	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag
Dichlorodifluoromethane	5.0	U	5.0	U
Chloromethane	5.0	U	5.0	U
Vinyl chloride	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U
Chloroethane	5.0	U	5.0	U
Trichlorofluoromethane	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U
Acetone	10	U	10	U
Carbon disulfide	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U
Methylene chloride	5.0	U	5.0	U
trans-1,2-Dichloroethene	5.0	U	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U
1,1-Dichloroethane	5.0	U	5.0	U
cis-1,2-Dichloroethene	5.0	U	5.0	U
2-Butanone	10	U	10	U
Bromochloromethane	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U
1,1,1-Trichloroethane	5.0	U	5.0	U
Cyclohexane	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U
Benzene	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U
1,4-Dioxane	100	R	100	R

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SDG Y4FW1

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SOW

Final Flag Results

VOA Low Med 1B

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	VBLK5W		VHBLK5W	
	Method Blank Soil/Low		Storage Blank Soil/Low	
	1 0 ug/Kg		1 0 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag
Trichloroethene	5.0	U	5.0	U
Methylcyclohexane	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U
Toluene	5.0	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	5.0	U
1,1,2-Trichloroethane	5.0	U	5.0	U
Tetrachloroethene	5.0	U	5.0	U
2-Hexanone	10	U	10	U
Dibromochloromethane	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U
Ethylbenzene	5.0	U	5.0	U
o-Xylene	5.0	U	5.0	U
m,p-Xylene	5.0	U	5.0	U
Styrene	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U

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Sample Location Type Dilution Factor % Moisture Units	VBLK5W		VHBLK5W	
	Method Blank Soil/Low	Storage Blank Soil/Low	Method Blank Soil/Low	Storage Blank Soil/Low
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag
Hexane	0.50	U	0.50	U
Isopropanol	25	R	25	R